

Claims:

1. A charger performing accelerated varying electromagnetic field to produce mass inductive current for power, comprising:
a separate casing defining an opening, a cover enveloping the opening;
a slider being received in the casing and including a fixing plate, a metal base assembled on a side of the fixing plate, and rolling elements on corners of the fixing plate, the metal base forming a plurality of shafts thereon;
a coil set being received in the casing and having a plurality of coils surrounding the shafts of the metal base;
a magnet set being assembled on a bottom of the casing and being spaced a predetermined distance from the slider, the magnet having a plurality of magnets; and
buffers being received in the casing and located at opposite sides of moving path of the slider for providing reset force of the slider after displacement; wherein magnetic field varies quickly between coils of the coil set and magnets of the magnet set when the slider slides, thereby producing mass inductive current.
2. The charger as claimed in claim 1, wherein the metal base is formed of steel.
3. The charger as claimed in claim 2, wherein the fixing plate defines a plurality of positioning slots, and wherein each shaft of the metal base forms posts at a top thereof for corresponding to the positioning slots.
4. The charger as claimed in claim 3, further comprising a metal sheet cooperating with the metal base and being sandwiched between the fixing plate and the magnet set, the metal sheet forming a plurality of partitions for being sandwiched between the shafts of the metal base, and defining a plurality of holes for corresponding to the posts of the metal base.
5. The charger as claimed in claim 4, wherein the magnet set has a plurality

of magnets and glues to a bottom of the casing along the line of North to South.

6. The charger as claimed in claim 5, wherein a pair of tracks is formed on opposite sides of a bottom of the casing for facilitating the slider to move.
7. The charger as claimed in claim 6, further comprising a commutating device is connected to the coil set for avoiding unreliable inductive current.
8. The charger as claimed in claim 7, wherein a plug cable connects the commutation device with electronic products for providing power.
9. A charger adapted for being assembled in a portable electronic product and electrically connecting with internal circuit of the portable electronic product, comprising:
 - a slider being received in the portable electronic product, and including a fixing plate, a metal base assembled on a side of the fixing plate, and rolling elements on corners of the fixing plate, the metal base forming a plurality of shafts thereon;
 - a coil set being received in the portable electronic product and having a plurality of coils surrounding the shafts of the metal base; and
 - a magnet set being received in the portable electronic product and being spaced a predetermined distance from the slider, the magnet having a plurality of magnets;wherein magnetic field varies quickly between coils of the coil set and magnets of the magnet set when the slider slides, thereby producing mass inductive current.
10. The charger as claimed in claim 9, further comprising buffers received in the portable electronic product and located at opposite sides of moving path of the slider for providing reset force of the slider after displacement.

11. The charger as claimed in claim 10, wherein the metal base is formed of steel.
12. The charger as claimed in claim 11, wherein the fixing plate defines a plurality of positioning slots, and wherein each shaft of the metal base forms posts at a top thereof for corresponding to the positioning slots.
13. The charger as claimed in claim 12, further comprising a metal sheet cooperating with the metal base and being sandwiched between the fixing plate and the magnet set, the metal sheet forming a plurality of partitions for being sandwiched between the shafts of the metal base, and defining a plurality of holes for corresponding to the posts of the metal base.